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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/660,931	09/13/2000	ATTAULLAH SHEIKH	36J.P248	7452

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EXAMINER

DUONG, THOMAS

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 10/10/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/660,931

Applicant(s)

SHEIKH, ATTAULLAH

Examiner

Thomas Duong

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-31 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-31 are rejected under 35 U.S.C. 102(e) as being anticipated by Fitler et al. (US006366913B1).

3. With regard to *claims 1, 12 and 19*, Fitler reference discloses,
- *establishing plural multicast groups for a respective plurality of change categories* (column 2, lines 62-67; sheet 3, figure 6).
 - *submitting change information for multicast responsive to a change in the directory server, the change information being submitted to a selected one of the plural multicast groups, for multicast by the selected group, in correspondence to the category of the change* (column 12, lines 24-31).
4. With regard to *claims 2, 13 and 20*, Fitler reference discloses,
- *wherein the change information is submitted to the multicast groups utilizing a connectionless protocol* (column 6, line 14).

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5. With regard to *claims 3, 14 and 21*, Fidler reference discloses,
 - *wherein the plurality of change information categories comprise add, delete, modify or search changes* (column 3, lines 34-35).
6. With regard to *claims 4, 15 and 22*, Fidler reference discloses,
 - *wherein changes made: in the directory server are performed utilizing a Lightweight Directory Server Protocol* (column 4, lines 16-18).
7. With regard to *claims 5, 6, 16 and 23*, Fidler reference discloses,
 - *wherein change information is submitted for multicast by a plug-in that extends capabilities of the directory server* (column 7, lines 9-12).
8. With regard to *claims 7, 17 and 24*, Fidler reference discloses,
 - *wherein a client registers with at least one of the plural multicast groups in order to obtain the change information from each multicast group for which the client has registered* (columns 3-4, lines 64-4).
9. With regard to *claims 8, 18 and 25*, Fidler reference discloses,
 - *wherein the client registers with multicast groups established for a plurality of directory servers* (columns 3-4, lines 64-4).
10. With regard to *claims 9, 26 and 29*, Fidler reference discloses,
 - *registering as a member of at least one of a plurality of multi-cast groups, the plurality of multicast groups being established for a respective plurality of change categories* (columns 3-4, lines 64-4).
 - *receiving a multicast transmission from one of the registered groups, the multicast transmission containing change information submitted to the*

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multicast group in response to a change made in the directory server
(column 9, lines 51-60).

11. With regard to *claims 10, 27 and 30*, Fidler reference discloses,
 - *wherein the member registers with multicast groups established for a plurality of directory servers* (columns 3-4, lines 64-4).
12. With regard to *claims 11, 28 and 31*, Fidler reference discloses,
 - *wherein the member registers with at least one multicast group corresponding to add, delete, modify or search change categories* (column 3, lines 34-35).

Conclusion

13. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:
 - Rosenberg (US006253242B1)
 - Yuasa et al. (US006085238A)
14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas Duong whose telephone number is 703/305-1886. The examiner can normally be reached on M-F 7:30AM - 4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A Wiley can be reached on 703/308-5221. The fax phone

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numbers for the organization where this application or proceeding is assigned are 703/305-3719 for regular communications and 703/305-3719 for After Final communications.


Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703/305-3900.

Thomas Duong

Examiner

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October 5, 2003



DAVID WILEY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100